

FIG. 1

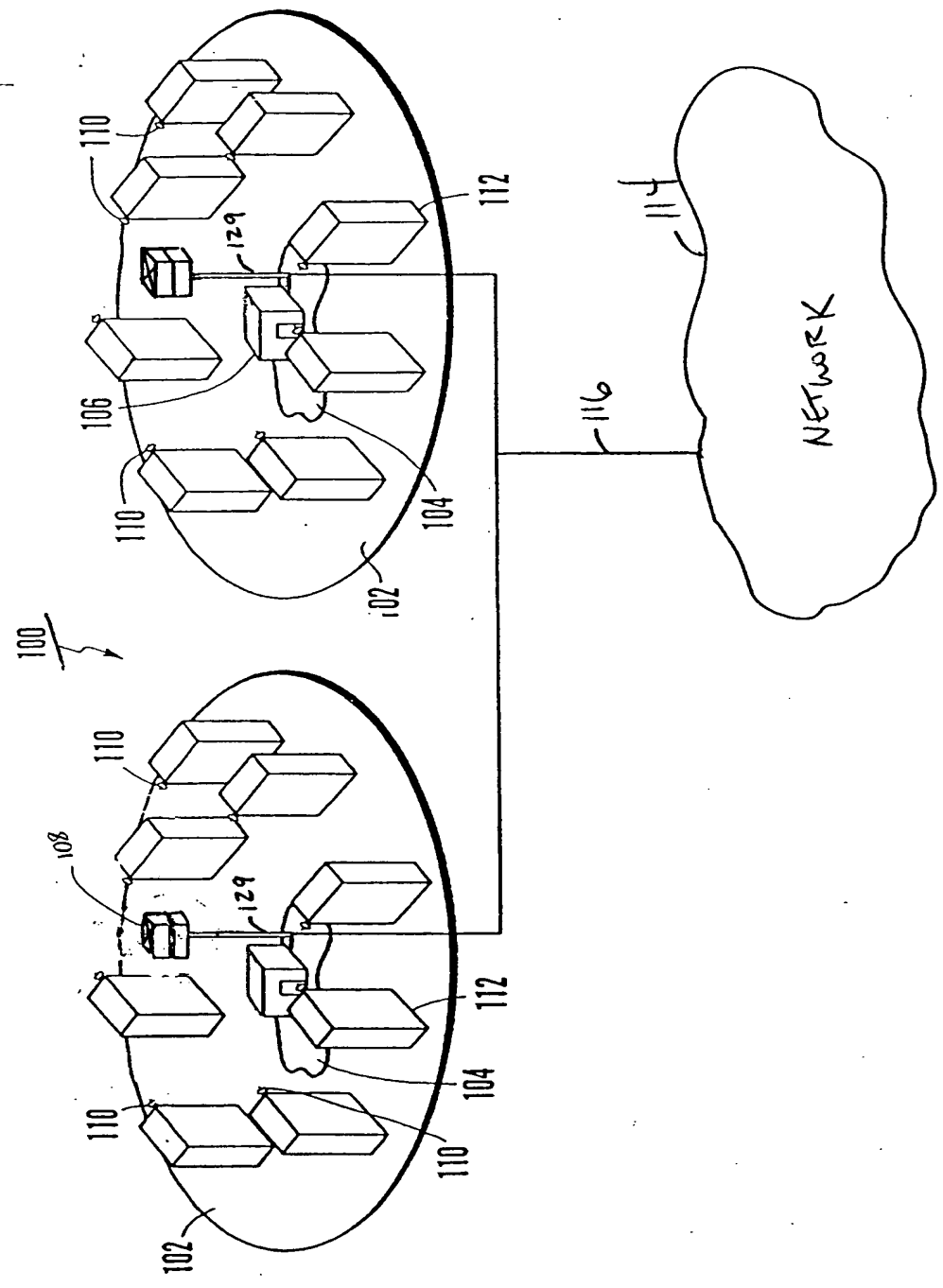


FIG. 1

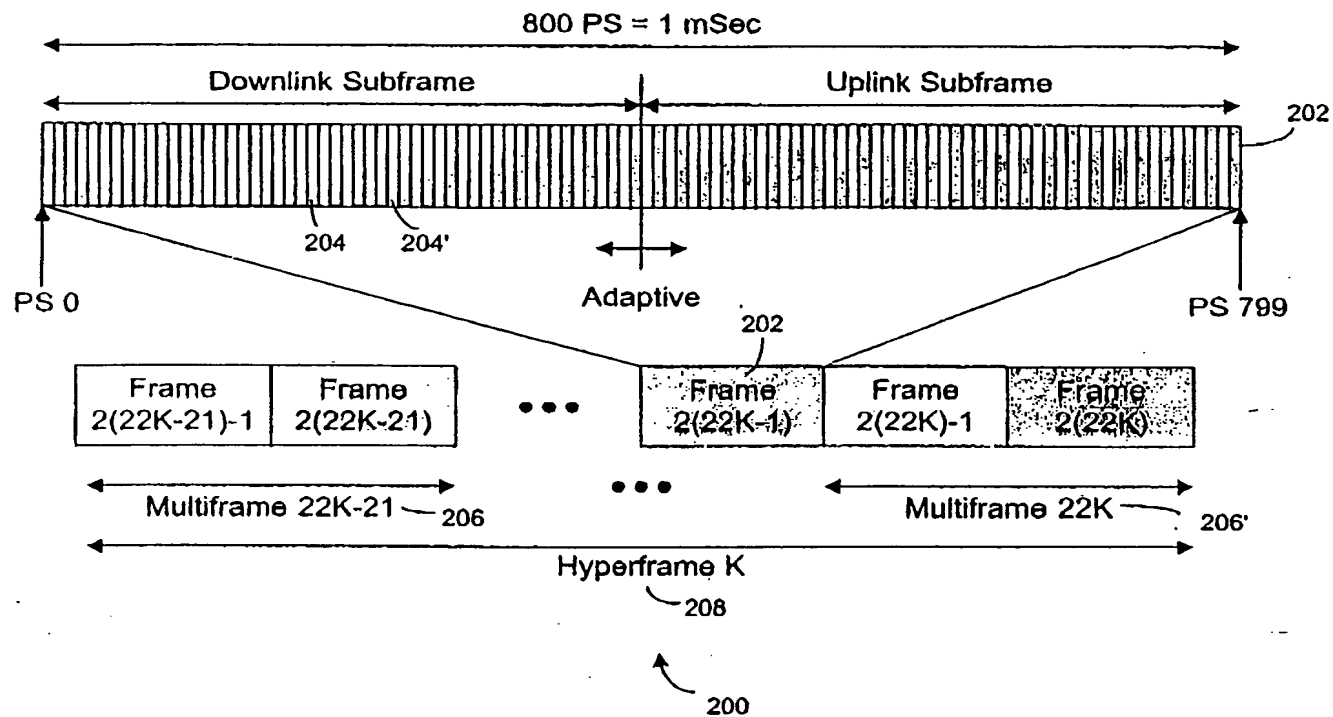


FIGURE 2

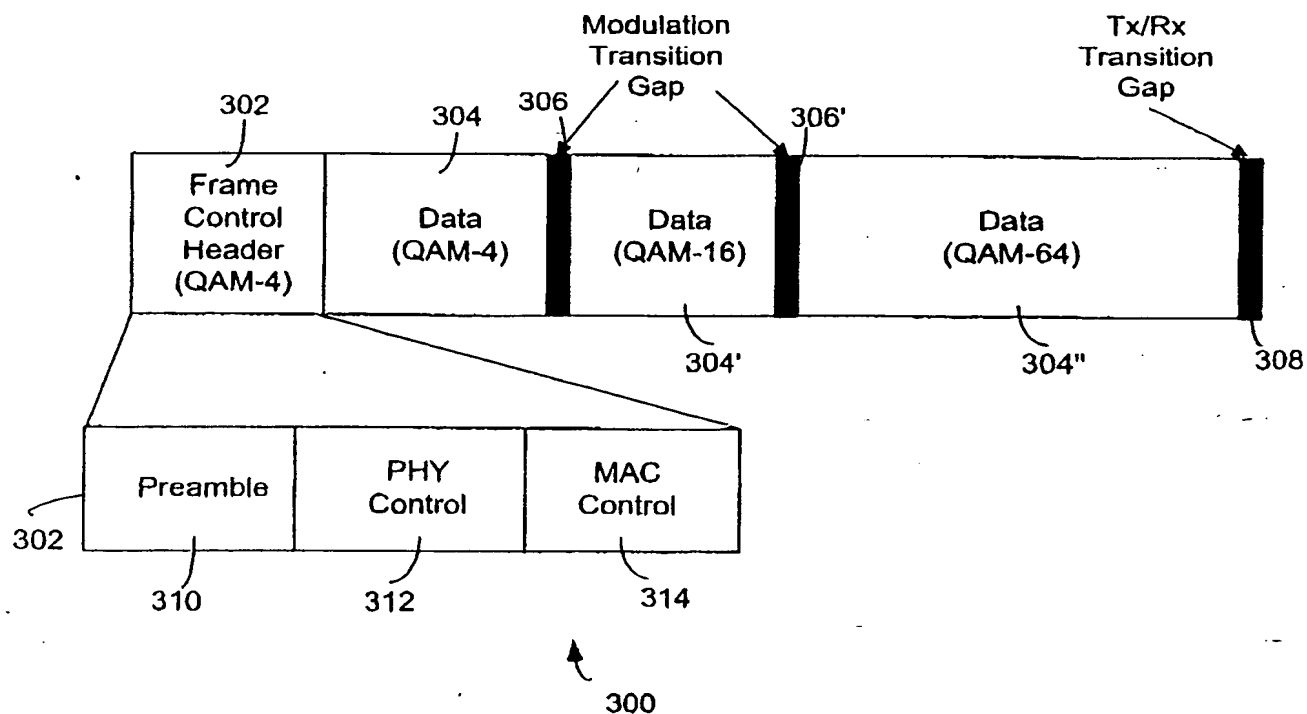


FIGURE 2A

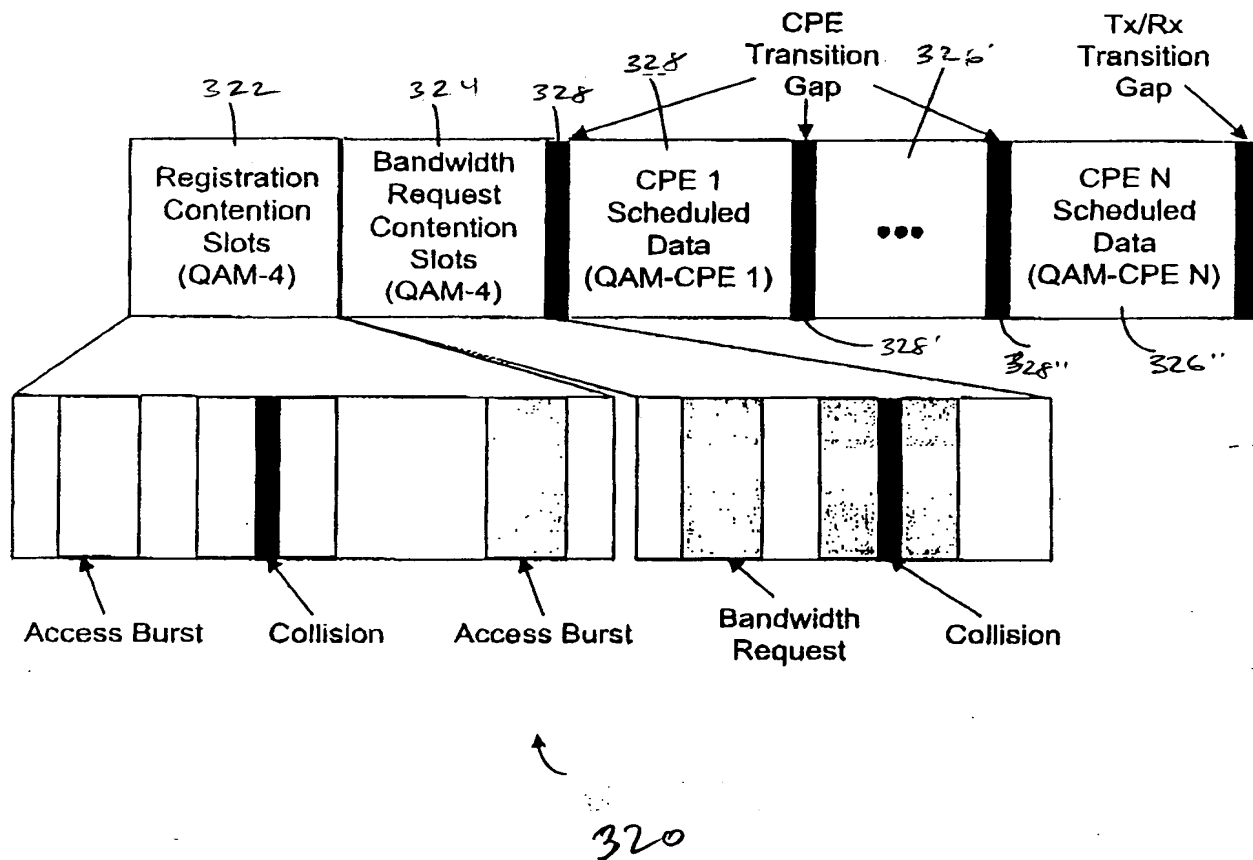


FIGURE 2B

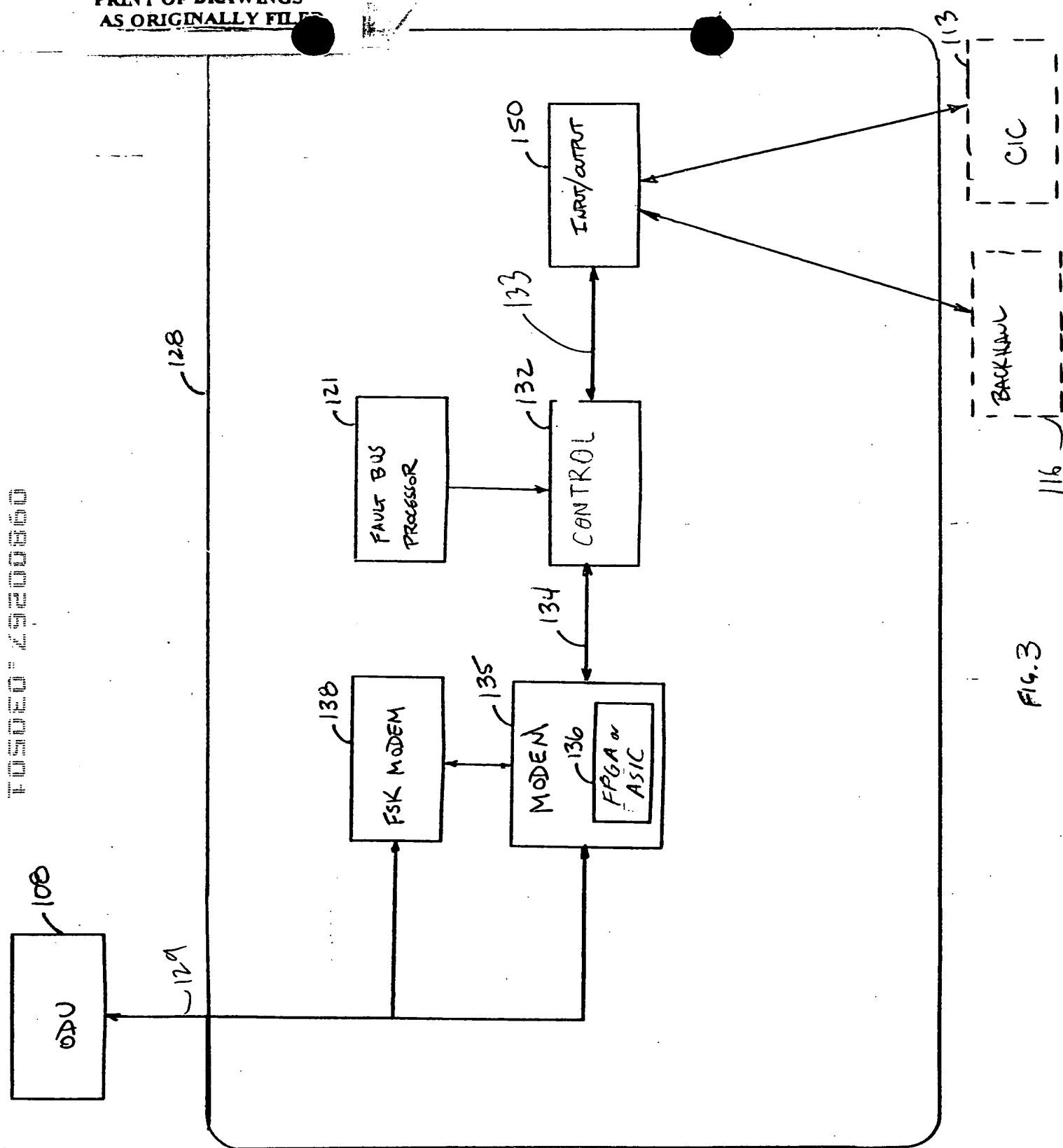


FIG. 3

FIG. 3

400

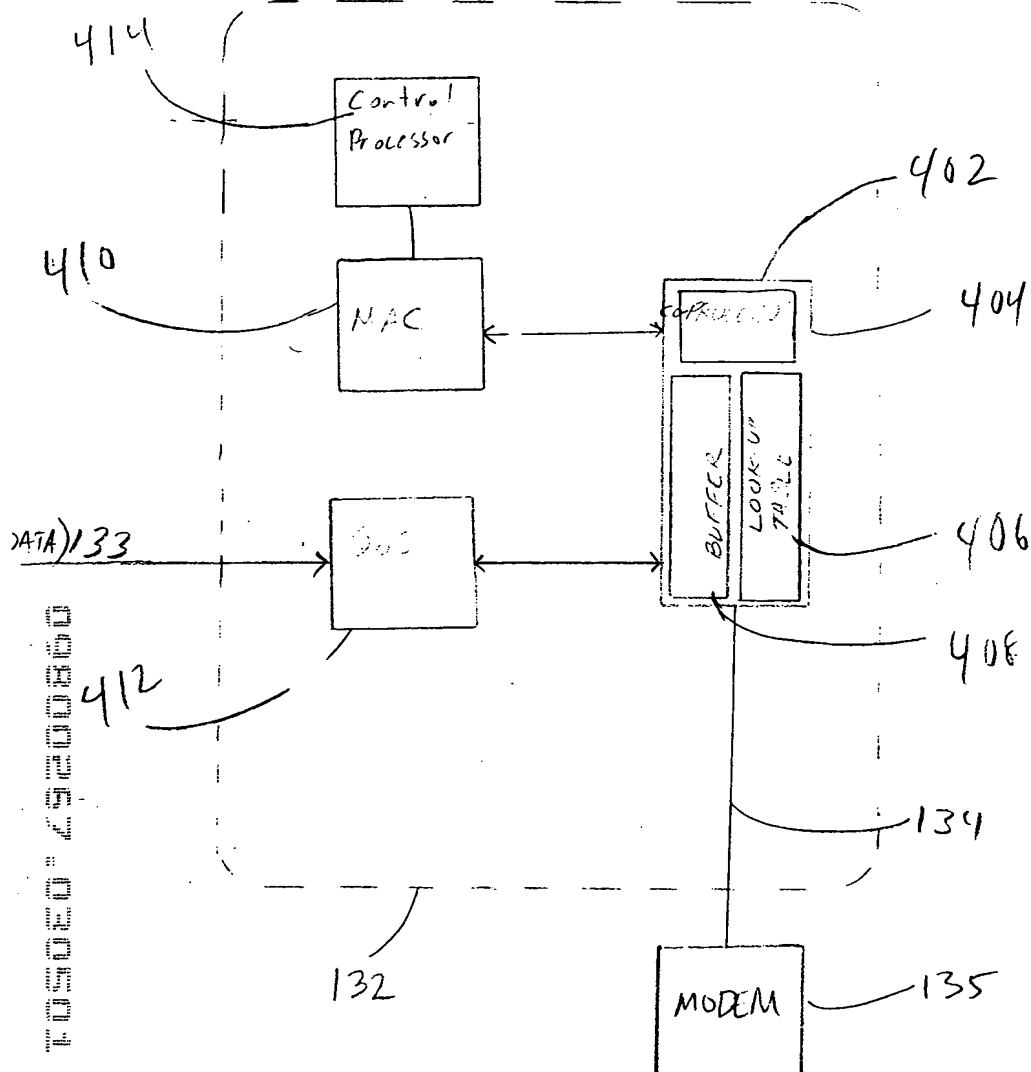


FIG 4

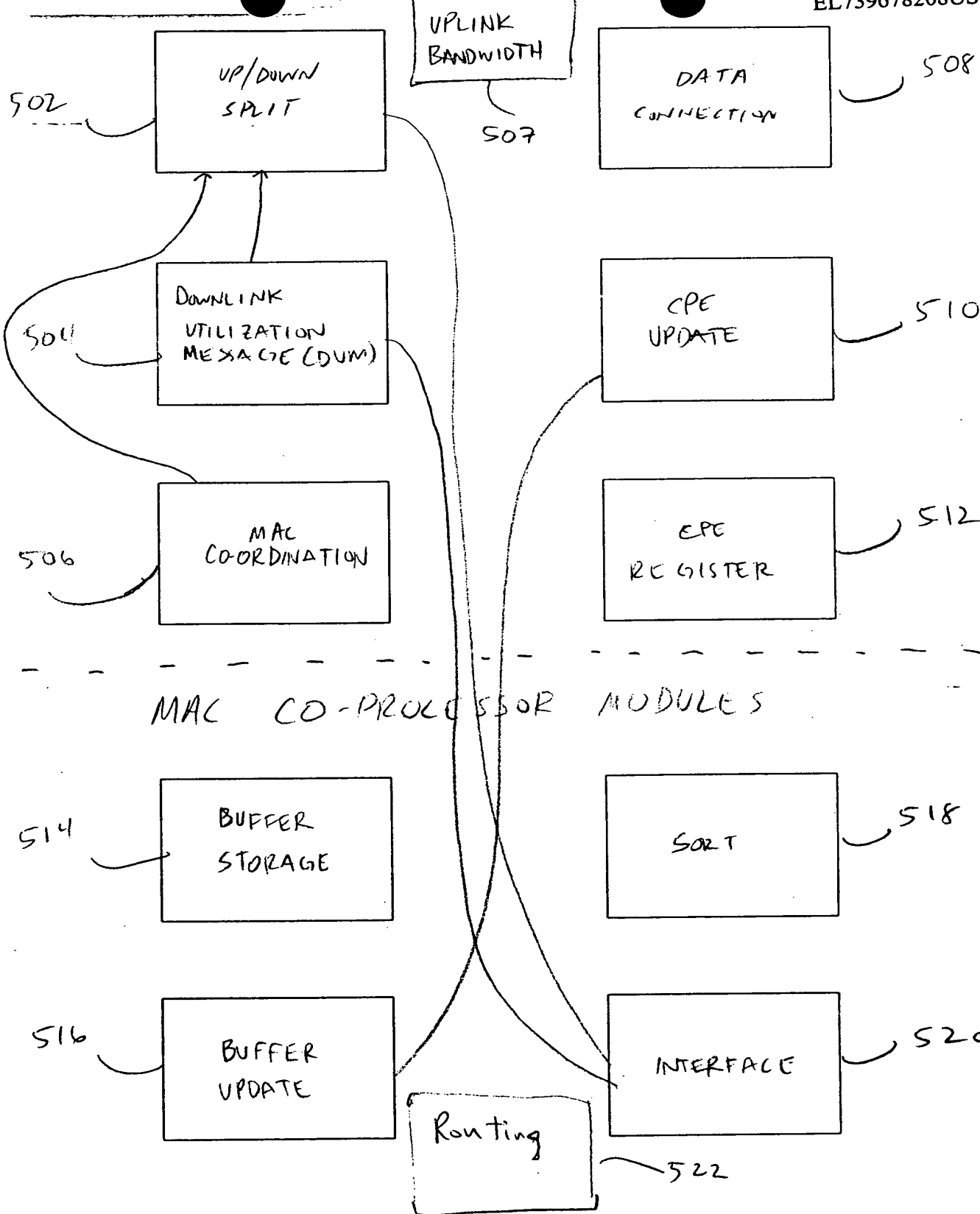


Fig 5

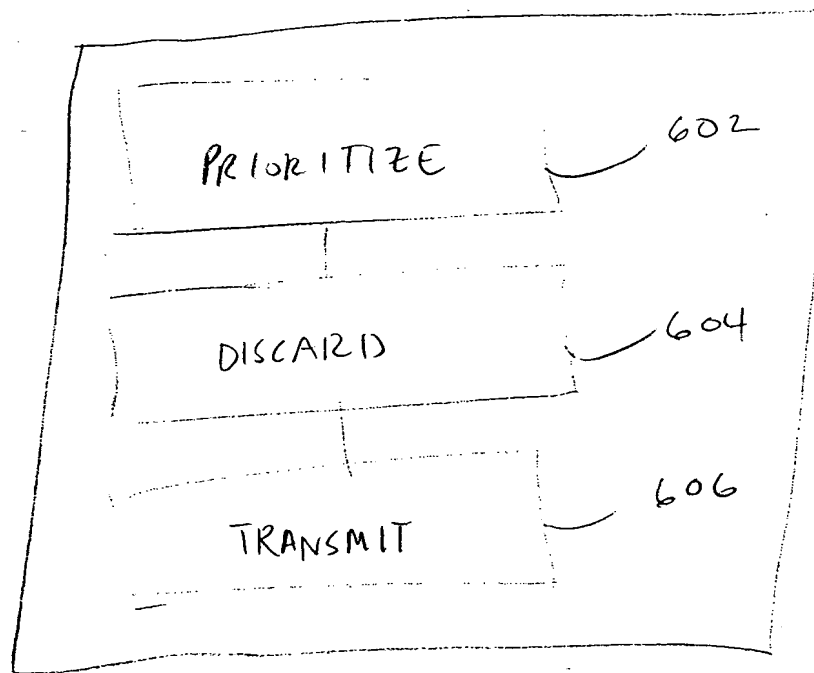


Fig 6

09800267-030501

700

DATA RECEIVED BY QoS
FROM INPUT/OUTPUT MODULE

701

In a TDD system,
MCP RECEIVES UP/DOWN LINK
SPLIT FROM MAC

702

MCP RECEIVES PHY/MAC
CONTROL MESSAGES AND MAC
PROTOCOL MESSAGES FROM MAC
- STORES IN BUFFER

704

MCP RECEIVES ONE DATA PACKET
FROM QoS

708

MCP READS CPE SETTINGS
FROM LUT

710

MCP DECREASES FRAME BW
BY CURRENT DATA PACKET BW

712

DATA PACKET ADR ENTERED

714

09200267-00504
T050E0 29200260

MAC

0000057-000501

DOWNLINK
↑
UPLINK
↓

Receives downlink utilization message from MCP — 802

Coordination with other MACs in base station — 804

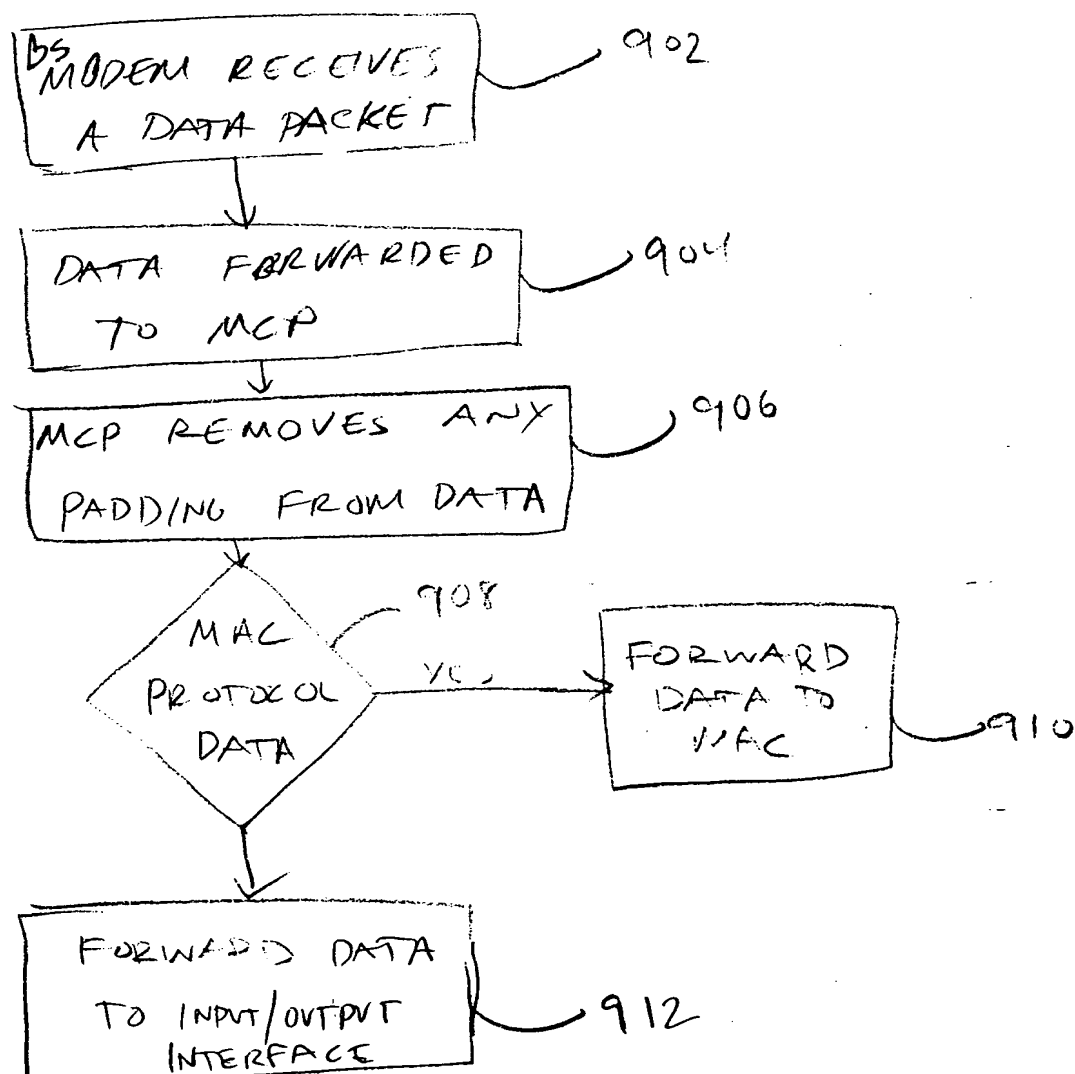
Determines up/down link split — 806
- sends to MCP

Transfer PHY/MAC control and MAC protocol messages to MCP — 808

Receives new CPE registrations — 810

Processes uplink BW requests
Build uplink map for next frame — 812

809



905 →

Fig 9

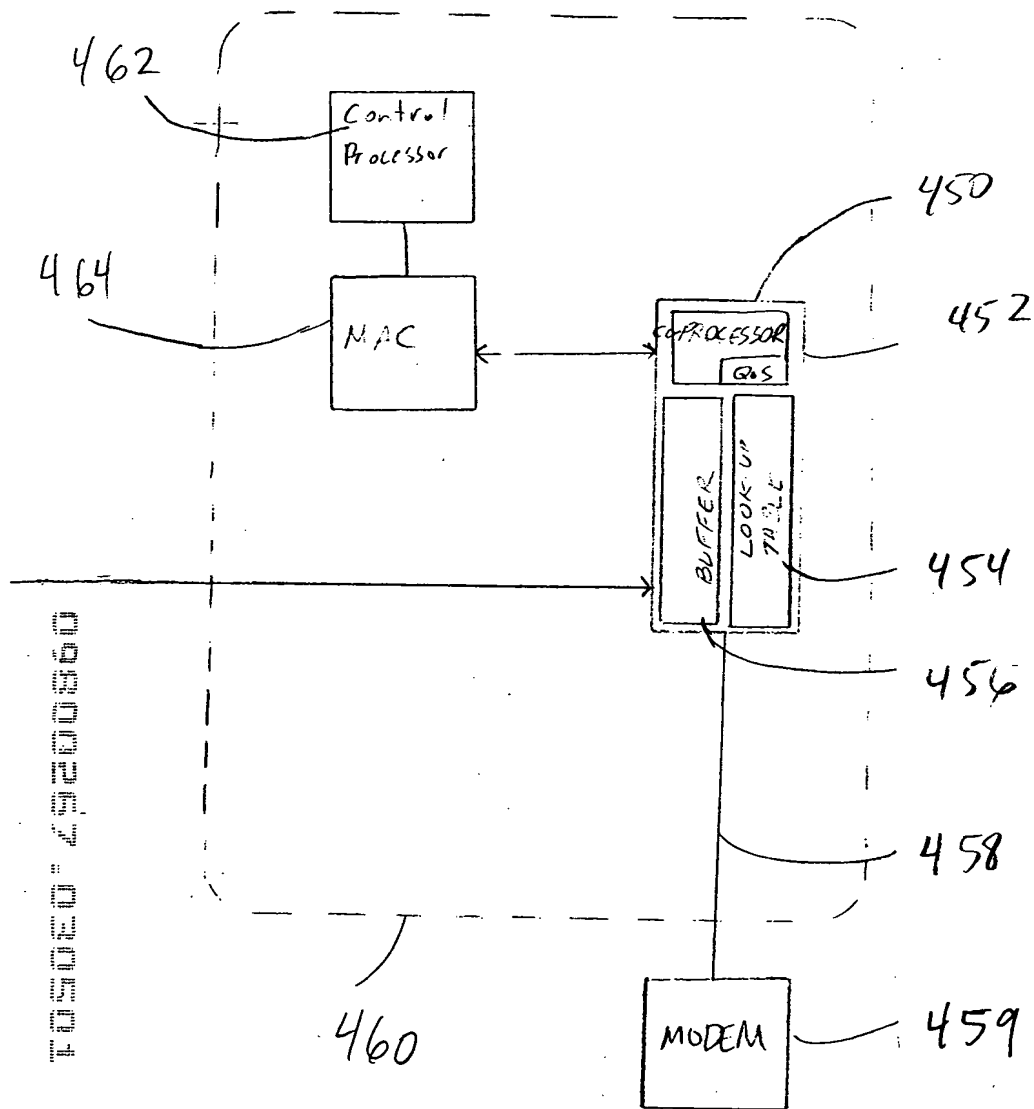


FIGURE 10

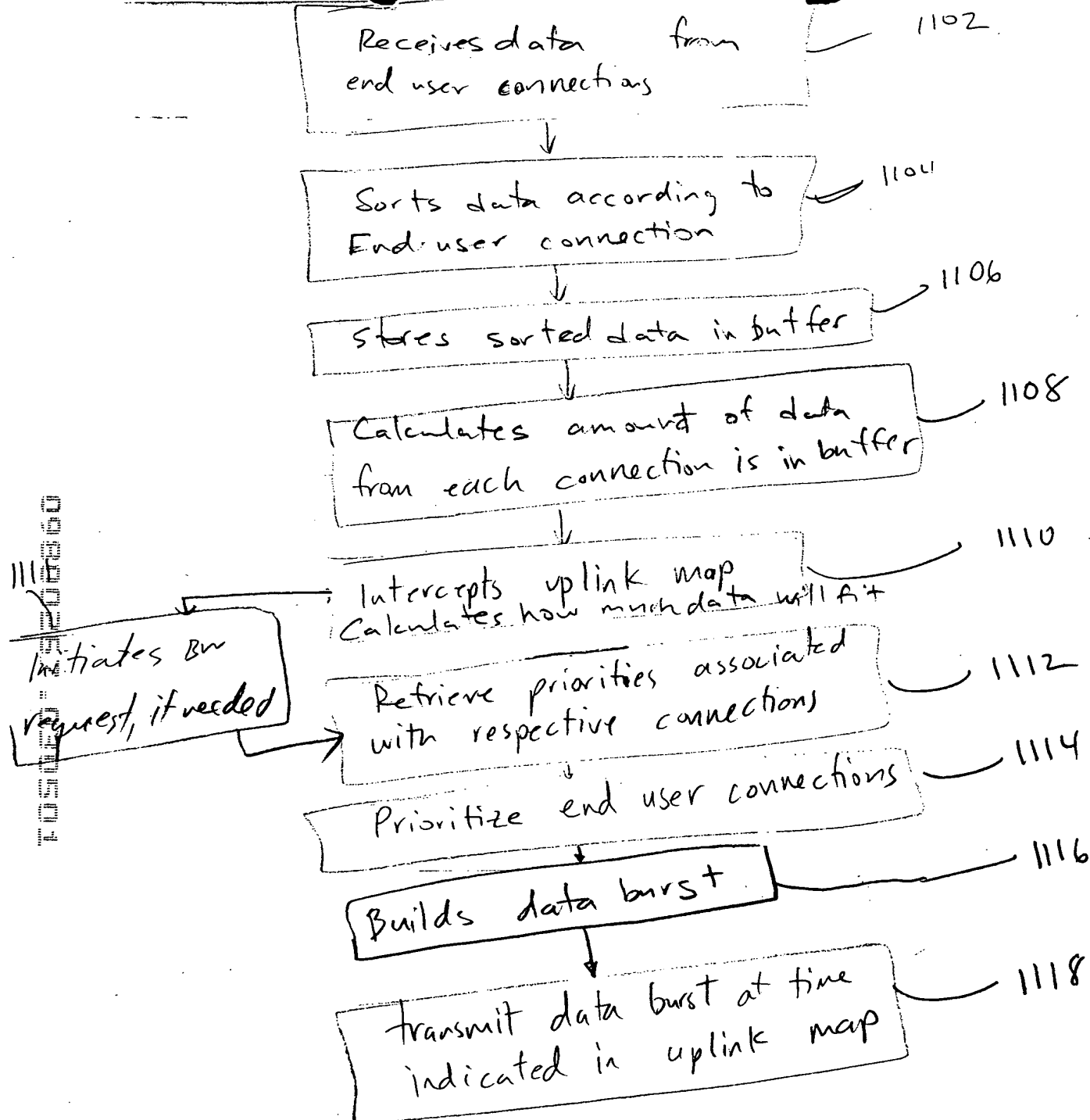


FIGURE 11